Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080634.D
Acq On : 24 Jul 2015 19:22
Operator : TP/UM
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
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7/27/2015 4:21:53 PM

Quant Time: Jul 24 23:16:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 22:49:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	42511	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	156516	20.00	ng		0.01
38) Acenaphthene-d10	9.97	164	85204	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	158248	20.00	ng		0.00
75) Chrysene-d12	14.19	240	153276	20.00	ng		0.03
86) Perylene-d12	15.77	264	163182	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	411272	167.55	ng		0.00
7) Phenol-d6	6.54	99	512066	171.79	ng		0.00
23) Nitrobenzene-d5	7.49	82	529906	189.98	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	128162	185.55	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	914643	158.48	ng		0.00
78) Terphenyl-d14	13.06	244	1049278	144.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	93036	82.08	ng		98
3) Pyridine	3.22	79	217329	71.87	ng		95
4) n-Nitrosodimethylamine	3.14	42	153438	80.88	ng		96
6) Aniline	6.59	93	362174	84.34	ng		91
8) 2-Chlorophenol	6.70	128	220766	84.03	ng		94
9) Benzaldehyde	6.48	77	146644	68.18	ng		93
10) Phenol	6.56	94	295568	82.72	ng		93
11) bis(2-Chloroethyl)ether	6.66	93	219124	86.70	ng		94
12) 1,3-Dichlorobenzene	6.88	146	247505m	75.48	ng		
13) 1,4-Dichlorobenzene	6.94	146	256428	79.32	ng		97
14) 1,2-Dichlorobenzene	7.10	146	258725	85.99	ng		98
15) Benzyl Alcohol	7.07	79	220675	85.01	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.21	45	378002	76.69	ng		99
17) 2-Methylphenol	7.17	107	175354	84.47	ng		98
18) Hexachloroethane	7.45	117	100362	88.27	ng		94
19) n-Nitroso-di-n-propylamine	7.34	70	182493	90.68	ng	#	81
20) 3+4-Methylphenols	7.33	107	248761	86.97	ng	#	70
22) Acetophenone	7.34	105	313455	82.83	ng	#	75
24) Nitrobenzene	7.52	77	255968	88.03	ng	#	76
25) Isophorone	7.76	82	455690	89.71	ng	#	89
26) 2-Nitrophenol	7.84	139	103372	97.39	ng		98
27) 2,4-Dimethylphenol	7.87	122	190532	83.21	ng		90
28) bis(2-Chloroethoxy)methane	7.96	93	236822	83.03	ng		98
29) 2,4-Dichlorophenol	8.06	162	171224	88.21	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	195815	79.15	ng		98
31) Naphthalene	8.24	128	597947	77.00	ng		99
32) Benzoic acid	7.94	122	114790	111.48	ng		96
33) 4-Chloroaniline	8.28	127	263688	85.55	ng		97
34) Hexachlorobutadiene	8.36	225	139011	93.74	ng		98
35) Caprolactam	8.64	113	56178	108.16	ng		95
36) 4-Chloro-3-methylphenol	8.76	107	201731	90.63	ng	#	80
37) 2-Methylnaphthalene	8.93	142	450497	99.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	185907	66.27	ng		100
40) Hexachlorocyclopentadiene	9.09	237	124146	82.63	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	145491m	89.27	ng		
43) 2,4,5-Trichlorophenol	9.24	196	150839m	91.69	ng		
45) 1,1'-Biphenyl	9.39	154	463563	68.51	ng		98
46) 2-Chloronaphthalene	9.42	162	400294	72.92	ng	#	85
47) 2-Nitroaniline	9.50	65	128017	76.20	ng		94
48) Acenaphthylene	9.84	152	697802	83.84	ng		99
49) Dimethylphthalate	9.69	163	453168	73.44	ng		98
50) 2,6-Dinitrotoluene	9.76	165	100490	87.81	ng	#	44
51) Acenaphthene	10.01	154	421723	84.29	ng		100
52) 3-Nitroaniline	9.92	138	106386	82.30	ng	#	91
53) 2,4-Dinitrophenol	10.02	184	46057	134.54	ng		85
54) Dibenzofuran	10.18	168	572418	79.74	ng		97
55) 4-Nitrophenol	10.06	139	96903	103.57	ng	#	79
56) 2,4-Dinitrotoluene	10.16	165	139556	97.04	ng	#	46
57) Fluorene	10.52	166	456461	79.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	120271	94.28	ng	#	95
59) Diethylphthalate	10.40	149	501629	84.61	ng		97
60) 4-Chlorophenyl-phenylether	10.52	204	212440	82.17	ng		98
61) 4-Nitroaniline	10.53	138	113093	87.67	ng		81
62) Azobenzene	10.67	77	458960	76.03	ng		98
64) 4,6-Dinitro-2-methylphenol	10.56	198	71454	126.82	ng	#	74
65) n-Nitrosodiphenylamine	10.64	169	400123	78.40	ng		100
66) 4-Bromophenyl-phenylether	11.00	248	121822	76.29	ng		92
67) Hexachlorobenzene	11.07	284	145595	79.90	ng	#	92
68) Atrazine	11.16	200	110461	79.22	ng		93
69) Pentachlorophenol	11.26	266	81345	95.08	ng		99
70) Phenanthrene	11.48	178	665981	75.39	ng		99
71) Anthracene	11.54	178	715816	85.70	ng		100
72) Carbazole	11.69	167	604262	83.12	ng		99
73) Di-n-butylphthalate	12.03	149	801811	94.90	ng		99
74) Fluoranthene	12.68	202	715917	90.18	ng		94
76) Benzidine	12.80	184	379429	81.89	ng		97
77) Pyrene	12.91	202	774289	76.53	ng		99
79) Butylbenzylphthalate	13.56	149	354211	100.97	ng		94
80) Benzo(a)anthracene	14.17	228	748936	86.83	ng		99
81) 3,3'-Dichlorobenzidine	14.13	252	245300	98.02	ng		98
82) Chrysene	14.21	228	698729	81.79	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	514900	98.66	ng		100
84) Di-n-octyl phthalate	14.89	149	896819	129.40	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1032065	148.25	ng		99
87) Benzo(b)fluoranthene	15.33	252	809513	82.98	ng	#	96
88) Benzo(k)fluoranthene	15.37	252	650484m	67.30	ng		
89) Benzo(a)pyrene	15.71	252	712489	82.01	ng		99
90) Dibenzo(a,h)anthracene	17.29	278	844140	100.24	ng		99
91) Benzo(g,h,i)perylene	17.71	276	857354	100.43	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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